TABLE 7-5a

Early career doctorates who indicate that various aspects of their sampled positions met or exceeded their expectations, by demographic characteristics: 2017 (Percent)

Selected characteristic	Increased subject matter knowledge	Conducted own independent research	Published papers	Presented papers at a professional conference	Taught courses	Provided clinical or professional services	Supervised others	Wrote grant proposals	Worked in interdisciplinary research environments	Collaborated or networked with colleagues	Developed marketable products
Number of early career doctorates for whom the item was applicable (denominator)	184,100	176,500	176,500	177,700	170,600	91,100	164,900	160,900	168,600	182,700	96,200
Percentage of early career doctorates	87.2	77.2	73.4	80.8	84.1	57.4	79.8	65.2	72.0	77.3	41.8
Sex											
Female	86.4	73.8	69.9	80.0	86.9	61.0	80.4	63.8	67.8	74.9	37.6
Male	88.0	80.2	76.5	81.6	81.4	53.8	79.3	66.4	75.8	79.4	45.0
Citizenship and sex											
U.S. citizen or permanent resident	87.0	76.2	73.1	81.3	87.9	59.5	81.3	66.6	70.9	77.0	42.2
Female	86.2	73.0	69.4	80.1	89.4	62.3	81.2	64.5	66.7	74.6	37.7
Male	87.9	79.4	76.8	82.5	86.4	56.4	81.3	68.8	75.1	79.6	46.2
Temporary visa holder	88.4	82.1	74.8	78.5	61.6	44.7	72.7	58.3	77.5	78.5	39.6
Female	88.6	80.0	73.2	79.0	64.1	48.2	73.7	58.5	76.0	77.7	36.6
Male	88.3	83.1	75.5	78.3	60.5	43.0	72.2	58.1	78.2	78.9	40.8
Ethnicity and race											
Hispanic or Latino	87.2	77.0	74.0	79.3	80.4	51.3	78.5	65.4	70.3	74.9	37.0
Not Hispanic or Latino											
Asian	87.7	81.5	76.2	80.6	73.8	52.4	74.8	64.3	76.4	78.5	44.6
Black or African American	86.4	71.7	71.0	80.2	92.3	56.6	76.2	58.6	63.4	78.0	32.4
White	87.4	76.4	72.7	81.4	86.7	59.6	81.9	66.3	71.7	77.2	41.9
Other race and ethnicity	82.9	73.5	71.8	72.2	83.0	61.2	77.7	56.7	66.3	74.4	45.8
Age quartile											
32 years and under	91.4	84.8	77.0	82.5	71.4	50.4	76.3	63.5	77.8	79.3	44.1
33-35 year	86.9	79.3	75.2	81.9	82.8	55.3	81.3	69.1	75.6	78.7	41.8
36-40 years	86.5	78.3	73.9	83.4	88.2	57.3	83.5	67.6	71.9	75.6	42.7
41 years or older	85.2	68.6	68.5	76.5	90.2	62.6	78.1	60.5	63.9	75.8	39.3
Marital status											
Never married	86.0	77.3	71.7	81.5	78.8	52.9	78.1	61.7	73.5	75.9	39.9
Married	88.2	78.2	74.9	81.5	85.0	58.8	80.8	66.2	72.3	78.2	42.4
Marriage-like relationship	82.6	74.4	66.1	76.4	82.7	57.3	78.8	66.0	70.8	71.2	39.5
Separated, divorced, widowed	82.9	66.8	65.9	74.3	88.1	52.4	72.7	61.5	64.3	76.2	40.4
Dependents											

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With dependents	87.7	78.0	74.9	82.1	86.7	59.2	80.9	66.5	71.7	77.8	42.9
Without dependents	86.7	76.4	71.8	79.4	81.2	55.3	78.6	63.8	72.4	76.6	40.5
Disability status											
With disability	85.1	71.1	68.6	76.2	86.1	54.9	79.8	60.3	67.7	73.7	38.5
Without disability	88.1	79.6	75.2	82.6	83.2	58.5	79.8	67.0	73.7	78.6	43.1

Note(s):

Counts are rounded to the nearest 100. Percentages are calculated from unrounded counts and rounded to the nearest 10th of a percent. "Not applicable" responses are excluded from the denominator for each column variable.

Source(s):

National Center for Science and Engineering Statistics, Early Career Doctorates Survey, 2017.